

# POWER GEAR WARDROBE SLIDE-OUT MANUAL



a unit of **apw** Engineered Solutions

**Operation Guide**

**FOR AMERICAN COACH PRODUCTS**

82-S0020-01 Rev. 0

# AMERICAN COACH WARDROBE SLIDE-OUT MANUAL

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
System Description .....	3 ...
How to Operate Your Slide-Out .....	4
Control Panel and System Diagram .....	5
Overriding Your Slide-Out System .....	6
Owner's Trouble Shooting Guide .....	7.
Preventative Maintenance .....	7 ..
Parts Ordering Information .....	8

**\*NOTE : Advanced trouble shooting and repair should only be done by an authorized Fleetwood dealer. Repairs performed by Owner may void warranty.**

### FORWARD

The Power Gear™ electric slide-out system for your coach is designed to give you years of trouble free operation. Read, study, and understand this manual before operating your slide-out system.

## **SYSTEM DESCRIPTION**

Your Power Gear wardrobe slide-out system consists of the following major components:

- 1) The Drive Assembly, which includes the drive motor and mounting hardware.
- 2) The Slide-Out Mechanism.
- 3) A specially designed control that gives the user full control of the room movement, in or out, and which includes a load sensing capability which stops the motor when the room has reached it's final position.
- 4) A key-cutout switch, to prevent accidental use of the slide-out system, incorporated into the electronics, as well as a motion alarm to alert those around the slide-out room when it is moving.

### **! CAUTION !**

ALWAYS MAKE SURE THAT THE COACH IS RESTING ON THE LEVELING JACKS AND IT IS LEVEL BEFORE OPERATING THE SLIDE-OUT ROOM.

### **! WARNING !**

ALWAYS MAKE SURE THAT THE ROOM PATH IS CLEAR OF PEOPLE AND OBJECTS BEFORE OPERATING.  
ALWAYS KEEP AWAY FROM THE SLIDE RAIL WHEN THE ROOM IS IN MOTION. THE GEAR RACK MAY PINCH OR CATCH ON LOOSE CLOTHING, CAUSING PERSONAL INJURY.

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY.**

## **HOW TO OPERATE YOUR SLIDE-OUT**

BEFORE YOU OPERATE YOUR POWER GEAR SLIDE-OUT SYSTEM:

- (1) Make sure the path for the room to move is clear.
- (2) Make sure the coach rests on all of the leveling jacks.
- (3) Check to see that the coach is level.
- (4) Check the parking brake. Make sure it is ENGAGED.

### **EXTENDING THE ROOM**

( See Figure 1 for control details )

STEP 1 - Turn the slide-out system key switch to ON.

STEP 2 - Press and hold the room direction switch in the OUT position until the room is fully extended and stops moving. The control will automatically shut off the motor, locking the room in place.

**NOTE:** The Room Motion Alarm is directed by the motor control. When the control stops the motor, it will also shut off the alarm. Use this as a second indicator that the room has finished it's cycle.

STEP 3 - Release the switch and turn the slide-out system key to OFF. To prevent unintentional slide-out activation, remove the key from the key switch.

### **RETRACTING THE ROOM**

( See Figure 1 for control details )

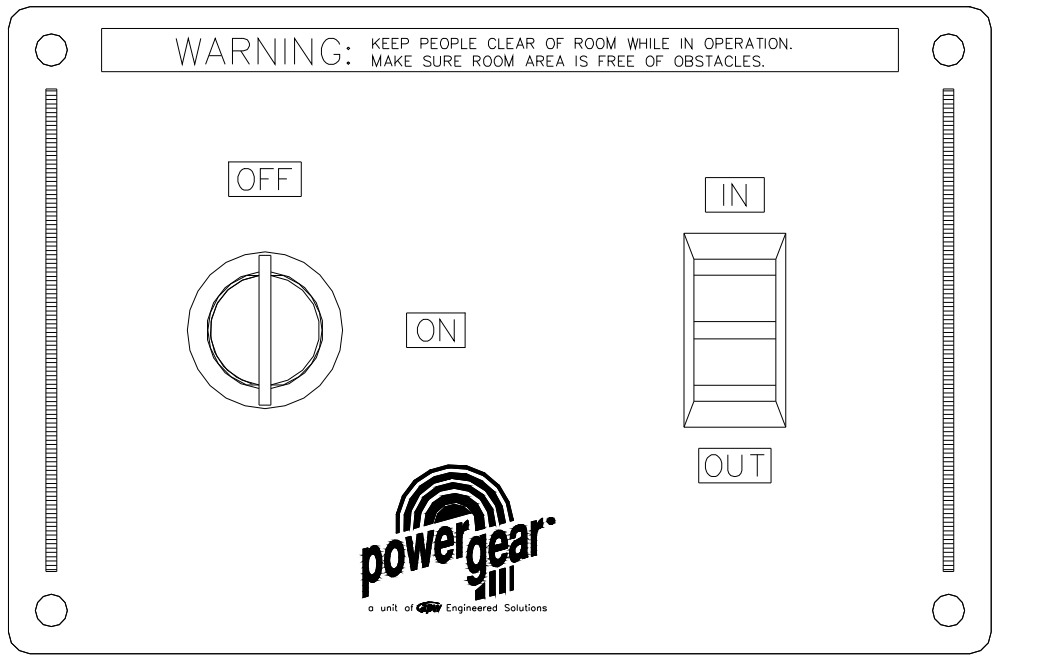
STEP 1 - Turn the slide-out system key switch to ON.

STEP 2 - Press and hold the switch in the IN position until the room is fully retracted and stops moving. The control will sense that the room has stopped and will automatically shut off the motor, locking the room in place.

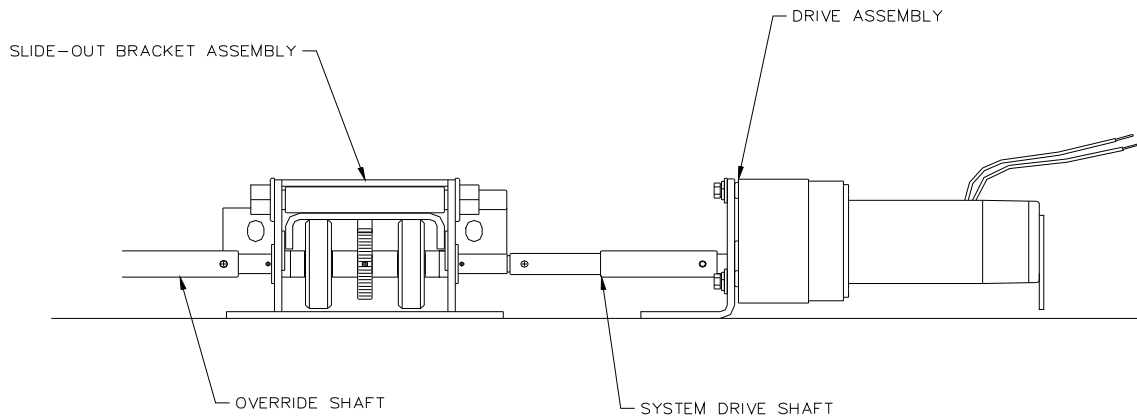
**NOTE:** The Room Motion Alarm is directed by the motor control. When the control stops the motor, it will also shut off the alarm. Use this as a second indicator that the room has finished it's cycle.

STEP 3 - Release the switch and turn the slide-out system key to OFF. To prevent unintentional slide-out activation, remove the key from the key switch.

**FIGURE #1: Control Panel**



**FIGURE #2: System Layout**



## **OVERRIDING YOUR SLIDE-OUT SYSTEM**

Your Power Gear slide-out system has a manual override incorporated into it's design. This allows you to extend or retract your slide-out room in the event of a loss of power.

SEE FIGURE 2 FOR OVERRIDE DETAIL.

If your slide-out room will not move when the switch is pressed, consult the trouble shooting section of this manual before using the manual override. If the options listed there fail, then follow the simple steps below to move your room by hand.

TOOLS REQUIRED: A 10" adjustable wrench.

STEP 1 - Open the motor access panel., located in the engine compartment underneath the drive assembly, revealing the motor brake release lever.

STEP 2 – Shift the brake release lever on the motor to RELEASE.

STEP 3 – The system controller is located in the rearmost luggage compartment on the R.V.'s curbside. Locate the system controller and disconnect one of the motor leads.

STEP 4 – Locate the 1" square override shaft on the left side of the wardrobe. Using an adjustable wrench, rotate the override shaft CLOCKWISE to retract the room.

STEP 6 - Shift the brake release lever to ENGAGE and secure the motor access panel.

### **! WARNING !**

**THE MOTOR BRAKE MUST BE ENGAGED WHEN TRAVELING OR WHEN THE ROOM IS TO STAY IN THE EXTENDED POSITION.**

**PROPERTY DAMAGE OR INJURY MAY RESULT IF THE BRAKE IS NOT ENGAGED.**

### **CAUTION**

**DO NOT USE ANY EXTENSIONS ON THE ADJUSTABLE WRENCH. EXTENSIONS ON THIS TOOL MAY DAMAGE THE SLIDE-OUT SYSTEM.**

## **OWNER'S TROUBLE SHOOTING GUIDE**

A. If your room does not move when the switch is depressed, follow these steps:

STEP 1 - Check to see if the key switch is in the ON position.

STEP 2 - Check to see if your parking brake is engaged.

STEP 3 - Check the slide-out fuse located in the battery compartment fuse box ( 30 A ).

STEP 4 - Check the battery for full charge and good wire connections.

B. If your room still does not move when the switch is depressed, follow these steps:

STEP 1 - If the room is extended, use the manual override procedure ( page 6 ) to retract your room.

STEP 2 - When the room is fully retracted, make sure that the motor brake lever is shifted in the ENGAGE direction.

STEP 3 - Take the coach to the nearest Fleetwood authorized dealer or service center.

C. If your room slides out crooked or only one side moves, you may have to push on the side that is not moving properly to fully retract the room.

D. If the system makes a skipping noise or experiences any other type of failure, secure the slide-out room and take the coach to the nearest dealer or service center.

## **PREVENTATIVE MAINTENANCE**

Your Power Gear wardrobe slide-out system is a fully enclosed unit, designed to require no preventative maintenance. Disassembly of your slide-out system or removal of any component from the coach is not required or recommended.

## PARTS ORDERING INFORMATION

When ordering parts, please provide the following information:

- 1) Your Name
- 2) Your Company's Name
- 3) Your Phone Number
- 4) Your Shipping Address
- 5) Your Billing Address
- 6) The Purchase Order Number
- 7) The Coach Model Number

For each part needed, please provide:

- 1) The Part Number
- 2) The Part Description
- 3) The Quantity Required